

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A liquid cartridge fuel supplier for supplying liquid to an external device connected therewith use in combination with a fuel cell and liquid fuel required by the fuel cell, comprising:

a casing;

a partition member movably fit in the casing, the partition member partitioning the casing into a first chamber configured to contain the liquid fuel and a second chamber;

an outlet port communicating between the first chamber and the external device being closed and openable upon connection with the fuel cell to link the first chamber with the fuel cell; and

a pressure unit housed in the second chamber, the pressure unit pressing the partition member so as to discharge the liquid fuel out of the outlet port, whereby the liquid fuel is supplied to the fuel cell.

Claim 2 (Currently Amended): The liquid cartridge fuel supplier of claim 1, wherein:

the partition member comprises a partition which is pressed by the pressure unit and an envelope having flexibility connected with the partition.

Claim 3 (Withdrawn-Currently Amended): The liquid cartridge fuel supplier of claim 1, wherein:

the casing further comprises a reservoir at a vicinity of the outlet port and a surface of the casing at a side of the outlet port is slanted so as to be a wedge shape which shrinks along with departing from the reservoir toward a distal end thereof.

Claim 4 (Withdrawn-Currently Amended): The ~~liquid-cartridge~~ fuel supplier of claim 1, further comprising:

a detection unit detecting a residual amount of the liquid.

Claim 5 (Withdrawn-Currently Amended): The ~~liquid-cartridge~~ fuel supplier of claim 1, further comprising:

a regulator regulating a flow rate of the liquid.

Claim 6 (Withdrawn-Currently Amended): The ~~liquid-cartridge~~ fuel supplier of claim 1, further comprising:

an opening introducing outside air and communicating with the second chamber.

Claim 7 (Canceled).

Claim 8 (Currently Amended): The ~~liquid-cartridge~~ fuel supplier of claim 1, wherein:

the pressure unit comprises a pre-compressed elastic body.

Claim 9 (Withdrawn-Currently Amended): The ~~liquid-cartridge~~ fuel supplier of claim 1, wherein:

the pressure unit comprises pre-compressed gas.

Claim 10 (Withdrawn-Currently Amended): The ~~liquid-cartridge~~ fuel supplier of claim 1, wherein:

the pressure unit inflates gas within the second chamber by means of mixing at least two ingredients.

Claim 11 (Withdrawn-Currently Amended): The liquid-cartridge fuel supplier of claim 10, further comprising:

a mixing unit configured to start mixing the ingredients in a case where the liquid cartridge is installed in the external device.

Claim 12 (Withdrawn-Currently Amended): The liquid-cartridge fuel supplier of claim 1, wherein:

the pressure unit comprises a pump chamber, a first check valve communicating with an outside so as to conduct air to the pump chamber, a second check valve conducting the air in the pump chamber to the second chamber and a movable film having a weight, wherein the weight swung by an outside force operates the film so as to conduct the air via the first check valve into the pump chamber and further conduct the air in the pump chamber via the second check valve into the second chamber in a compressed manner.

Claim 13 (Withdrawn-Currently Amended): The liquid-cartridge fuel supplier of claim 1, further comprising:

a closer unit closing the outlet port, the closer unit being opened when the liquid cartridge is installed in the external device.

Claim 14 (Currently Amended): A liquid-cartridge fuel supplier for supplying liquid to an external device connected therewith use in combination with a fuel cell and liquid fuel required by the fuel cell, comprising:

a casing;

a liquid housing body housed in the casing, the liquid housing body housing the liquid fuel;

an outlet port communicating between the liquid housing body and the external device being closed and openable upon connection with the fuel cell to link the first chamber with the fuel cell; and

a pressure unit housed in the casing, the pressure unit pressing the liquid housing body so as to discharge the liquid fuel out of the outlet port, whereby the liquid fuel is supplied to the fuel cell.

Claims 15-16 (Canceled).

Claim 17 (Withdrawn-Currently Amended): A fuel cell system comprising:
a fuel cell having one or more anodes, one or more cathodes and electrolytes respectively put therebetween;

a pump feeding air to the cathodes; and

a liquid cartridge fuel supplier supplying fuel to the anode, the liquid cartridge fuel supplier including:

a casing;

a partition member movably fit in the casing, the partition member partitioning the casing into a first chamber configured to contain the fuel and a second chamber;

an outlet port communicating between the first chamber and the fuel cell being closed and openable upon connection with the fuel cell to link the first chamber with the fuel cell;

a pressure unit housed in the second chamber, the pressure unit pressing the partition member so as to discharge the fuel out of the outlet port; and
an inlet port introducing exhaust from the cathode into the second chamber.

Claim 18 (Currently Amended): The liquid-cartridge fuel supplier of claim 1, further comprising:

an envelop liquid-tightly connected with the partition member and a wall of the casing so as to house the liquid fuel.

Claim 19 (Currently Amended): A liquid-cartridge fuel supplier for supplying fuel to a fuel cell of a fuel cell system use in combination with a fuel cell system and liquid fuel required by the fuel cell system, comprising:

a casing installable in the fuel cell system;
a partition member movably fit in the casing, the partition member partitioning the casing into a first chamber and a second chamber, the first chamber being configured to house the liquid fuel;

an outlet port communicating between the first chamber and the fuel cell being closed and openable upon connection with the fuel cell to link the first chamber with the fuel cell;
and

a pressure unit housed in the second chamber, the pressure unit pressing the partition member so as to discharge the liquid fuel out of the outlet port, whereby the liquid fuel is supplied to the fuel cell.

Claim 20 (Currently Amended): The liquid-cartridge fuel supplier of claim 19, wherein:

the partition member comprises a partition which is pressed by the pressure unit and an envelope having flexibility connected with the partition.

Claim 21 (Currently Amended): The liquid-cartridge fuel supplier of claim 19, wherein:

the pressure unit comprises a pre-compressed elastic body.

Claim 22 (Currently Amended): The liquid-cartridge fuel supplier of claim 19, further comprising:

an envelope liquid-tightly connected with the partition member and a wall of the casing so as to house the liquid fuel.